

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014820-6

10/664,416

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT

TSUYOSHI SANO, et al

FILING DATE

GROUP

SEPTEMBER 17, 2003

(Use several sheets if necessary)



## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
WJ	AA	US-6,440,203	08/2002	KATO, SHINICHI	
	AB	US-6,436,179	08/2002	HIRAOKA ET AL	
	AC	US-6,447,592	09/2002	TANIGUCHI, MAKOTO	
	AD	US-6,454,844	09/2002	KANAYA, MIHARU	
	AE	US-6,454,845	09/2002	SHAWCROSS, ET AL	
	AF	US-6,432,186	08/2002	TANIGUCHI, MAKOTO	
	AG	US-6,419,733	07/2002	SANO ET AL	
	AH	US-5,985,015	11/1999	KANAYA, MIHARU	
	AI	US-5,968,244	10/1999	UEDA ET AL	
	AJ	US-6,284,029	09/2001	SANO ET AL	
	AK	US-6,453,001	11/2000	SUZUKI ET AL	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
WJ	AL	0 872 344	10/1998	EP		
	AM	0 651 037	05/1995	EP		
	AN	0 838 508	04/1998	EP		
	AO	2000-290559	10/2000	JP		X
	AP	0 959 111	11/1999	EP		

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

WJ	AR	PATENT ABSTRACTS OF JAPAN OF JP 2000-290559 (10/2000) AND COMPUTER GENERATED ENGLISH TRANSLATION.
	AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 571078848 A DATED JULY 5, 1982.
	AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 05059314 A DATED MARCH 9, 1993.

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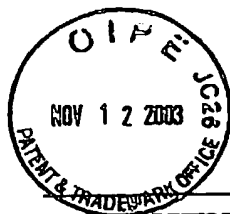
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<i>uff</i>	AA	US-5,948,154	09/1999	HAYAH ET AL	
	AB	US-6,030,441	02/2000	KUBOTA ET AL	
	AC	US-6,132,502	10/2000	YATAKE, MASAHIRO	
	AD	US-6,004,389	12/1999	YATAKE, MASAHIRO	
	AE	US-5,616,174	04/1997	KANAYA ET AL	
	AF	US-6,277,184	08/2001	KATO, SHINICHI	
	AG	US-5,935,309	08/1999	MOFFATT ET AL	
	AH	US-5,560,770	10/1996	YATAKE, MASAHIRO	
	AI	US-5,830,264	11/1998	FUJIOKA ET AL	
	AJ	US-2002/0002930	02/1999	YAMASHITA ET AL	
	AK	US-6,080,229	06/2000	WATANABE ET AL	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>uff</i>	AL	57107848	7/1982	JP		X
	AM	55059314 7-27-04 359314	3/1993	JP		X
	AN	6107971	4/1994	JP		X
	AO	6106735	4/1994	JP		X
	AP	7125220	5/1995	JP		X

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

<i>uff</i>	AR	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06107971 A DATED APRIL 19, 1994.
	AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06106735 A DATED APRIL 19, 1994.
	AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 07125220 A DATED MAY 16, 1995.

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
u/f	AB	8-113739	5/1996	JP		
	AC	8-283631	10/1996	JP		
	AD	11-12508	1/1999	JP		
	AE	10-120950	5/1998	JP		
	AF	7-125220	5/1995	JP		
	AG	10-28737	10/1998	JP		
	AH	11-228898	8/1999	JP		

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

u/f	AI	ENGLISH TRANSLATION OF JP 8-113739 DATED MAY 7, 1996.
	AJ	ENGLISH TRANSLATION OF JP 8-283631 DATED OCTOBER 29, 1996.
	AK	ENGLISH TRANSLATION OF JP 11-12508 DATED JANUARY 19, 1999.
	AL	ENGLISH TRANSLATION OF JP 10-120950 DATED MAY 12, 1998.
	AM	ENGLISH TRANSLATION OF JP 7-125220 DATED MAY 16, 1995.
	AN	ENGLISH TRANSLATION OF JP 10-287837 DATED OCTOBER 27, 1998.
	AO	ENGLISH TRANSLATION OF JP 11-228898 DATED AUGUST 24, 1999.

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